

4-12-04 DRAFT

40E-41.263 — Conditions for Issuance of Environmental Resource and Surface Water Management Permits in the C-51 Basin.

The following criteria shall apply:

(1)(a) The allowable discharge shall be based upon the post development discharge rate not exceeding the ~~pre-development discharge rate as depicted in Figure 41-8~~ during a design storm of a 10-year 3-day duration. The allowable as depicted on Figure 41-8. ~~Pre-development discharge rate shall be calculated by the formula:~~

$$Q = C_e \times (A/640) \text{ } \cancel{C_{\text{sub-e}} \times A/640}$$

Where Q = allowable flow in cubic feet per second (cfs); A = ~~p~~Project size in acres; C_e ~~sub-e~~ = discharge coefficient under design existing/present conditions

(b) This criteria is not intended to limit inflows to the C-51 Canal to the rates specified in subsection (a) above during non-flood conditions. Discharge capacity ~~up to 27 cfs~~ during non-flood conditions shall be considered on a case-by-case basis pursuant to the “Basis of Review for Environmental Resource Permit Applications Within the South Florida Water Management District” (Basis of Review), incorporated by reference criteria in ~~Rule 40E-4.091(1)(a), Florida Administrative Code, (Basis of Review)~~ and Rule 40E- 4.301, Florida Administrative Code, (Conditions for Issuance).

(2) Finished building floor elevations shall be above the most restrictive of the following:

- (a) the 1 in 100-year 3-day storm elevations as determined by peak flood stages in ~~of~~ the C-51 Basin as depicted in ~~on the attached~~ Figure 41-9, or
- (b) the Federal Flood Insurance Rate Map, or
- (c) the on-site stage created by a 100-year 3-day storm event assuming no off-site discharge.

(3) No net encroachment into the floodplain shall be allowed. Any water storage volume removed from the floodplain must be accommodated by an equal volume of open storage compensation. Water storage volume shall be computed by utilizing Figure 41-9. For the purposes of this part, the minimum volume of water which must be accommodated ~~on-site~~ shall be that quantity equal to the volume of water stored below the level shown in ~~on~~ Figure 41-9 and above the existing grades. Compensation for any reduction in soil storage also shall be accommodated ~~on-site~~.

(4) All criteria in the Basis of Review which is incorporated ~~and adopted by~~ reference in Florida Administrative Code Rule 40E-4.091, F.A.C., (Environmental Resource Permits; Publications, Rules and Interagency Agreements Incorporated by Reference). ~~(Surface Water Management, Publications Incorporated by Reference).~~

(5) **(THIS SECTION BEING REVISED)** Projects ~~located within the Western C-51 Basin described in Florida Administrative Code Rule 40E-41.223, (Western C-51 Basin Boundary),~~ shall provide one half inch of dry retention/detention pretreatment as part of the required retention/detention.

Specific Authority 373.044, 373.113 FS. Law Implemented 373.085, 373.413, 373.416 FS. History — New 5-15-87,_____.